



Example - EMS in Action

Motorpool

- **Aspects:**
 - Use/Formal Use of asbestos
 - Use/Storage of Petroleum/Oil/Lubricants (POL)
 - Generation of hazardous waste (e.g. waste oil)
- **Environmental Impacts:**
 - Health risk to workers
 - Depletion of petroleum resources / Risk of spills and fire
 - Disposal of hazardous waste
- **Consequences of Not Following Standard Operating Procedures (SOPs):**
 - Exposure of workers to asbestos
 - Spills / Fires
 - Exposure of workers / surrounding ecology



Example - EMS in Action

Motorpool (*continued*)

- **EMS Actions:**

- Identify specific objectives for reduction of impacts (“plan”)
- Define specific responsibilities for Motorpool personnel (“do”)
- Develop consistent written procedures (“do”)
- Monitor performance to ensure compliance (“check”)
- Implement corrective actions for continual improvement (“act”)

- **Individual Actions:**

- Attend training
- Know roles and responsibilities
- Follow written procedures
- Look for opportunities to reduce impacts (Pollution Prevention)



Example - EMS in Action

Paint Booth

- **Aspects:**
 - Air emissions
 - Generation of hazardous (e.g. used paint, used solvents) waste and solid waste (e.g. cardboard, plastics)
- **Environmental Impacts:**
 - Impaired air quality
 - Disposal of hazardous waste
- **Consequences of Not Following Standard Operating Procedures (SOPs):**
 - Release of volatile organic compounds
 - Spills
 - Exposure of workers / surrounding ecology

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Example - EMS in Action

Paint Booth (*continued*)

- **EMS Actions:**

- Identify specific objectives for reduction of impacts (“plan”)
- Define specific responsibilities for Paint Shop personnel (“do”)
- Develop consistent written procedures (“do”)
- Monitor performance to ensure compliance (“check”)
- Implement corrective actions for continual improvement (“act”)

- **Individual Actions:**

- Attend training
- Know roles and responsibilities
- Follow written procedures
- Look for opportunities to reduce impacts (Pollution Prevention)



Example - EMS in Action

Electrical Shop

- **Aspects:**
 - Use/Former use of PCB
 - Generation of hazardous waste (e.g. capacitors, neon lamps) and solid waste (e.g. cardboard)
- **Environmental Impacts:**
 - Disposal of hazardous waste
- **Consequences of Not Following Standard Operating Procedures (SOPs):**
 - Spills
 - Exposure of workers / surrounding ecology

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Example - EMS in Action

Electrical Shop (*continued*)

- **EMS Actions:**

- Identify specific objectives for reduction of impacts (“plan”)
- Define specific responsibilities for Electrical Shop personnel (“do”)
- Develop consistent written procedures (“do”)
- Monitor performance to ensure compliance (“check”)
- Implement corrective actions for continual improvement (“act”)

- **Individual Actions:**

- Attend training
- Know roles and responsibilities
- Follow written procedures
- Look for opportunities to reduce impacts (Pollution Prevention)